



#12/Amend Supp
Graham 07/14/98

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: MICHEAL L. GRUENBERG

Serial No.: 08/700,565

Filed: July 25, 1996

For: AUTOLOGOUS IMMUNE CELL
THERAPY: CELL COMPOSITIONS,
METHODS AND APPLICATIONS TO
TREATMENT OF HUMAN DISEASE

Art Unit: formerly 1816

Examiner: Schwadron, R

I hereby certify that this paper and the attached
papers are being deposited with the United States
Postal Service as first class mail in an envelope
addressed to:

Assistant Commissioner for Patents
Washington, D.C. 20231, on this date.

06/23/98
Date

Stephanie Selman

SUPPLEMENTAL AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Responsive to the Office Action, mailed November 21, 1997, and
supplemental to the response mailed May 21, 1998, please amend the above
captioned application as follows:

IN THE CLAIMS:

Please add claims 193-194 as follows:

192-193. A method for generating a high density of clinically relevant
numbers of T lymphoid cells, comprising:
collecting material comprising body fluid or tissue containing mononuclear
cells from a mammal;
treating the cells under conditions whereby *ex vivo* differentiation of cells
into selected regulatory immune cells is induced; and
contacting, in the absence of exogenous interleukin-2, the material with
two or more activating proteins specific for cell surface proteins present on cells
in the material and in an amount sufficient to induce *ex vivo* cell expansion,
whereby the cells expand in number. —

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